

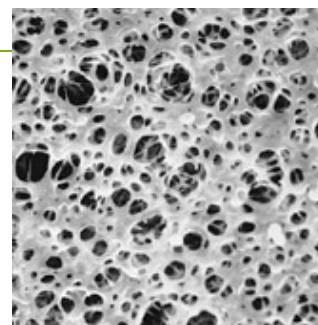


## GN Metrical® MCE Membrane Disc Filters

### Description

#### Membrane for Air Monitoring Applications

- ▶ Dissolves completely using standard digestion procedures.
- ▶ Cleans completely, possesses low artifacts, and offers minimal interference in fiber counting.



### Application

- ▶ GN-4 Metrical filters meet NIOSH requirements for airborne metals and asbestos monitoring.

### Specifications

#### Filter Media

- ▶ Hydrophilic mixed cellulose esters

#### Pore Size

- ▶ 0.8  $\mu\text{m}$ , 0.45  $\mu\text{m}$

#### Typical Thickness

- ▶ 152  $\mu\text{m}$  (6 mils)

#### Typical Filter Weight

- ▶ 4  $\text{mg}/\text{cm}^2$

#### Typical Water Flow Rate

- ▶ 0.8  $\mu\text{m}$ : 129  $\text{mL}/\text{min}/\text{cm}^2$  at 0.7 bar (70 kPa, 10 psi)
- ▶ 0.45  $\mu\text{m}$ : > 65  $\text{mL}/\text{min}/\text{cm}^2$  at 0.7 bar (70 kPa, 10 psi)

#### Typical Air Flow Rate

- ▶ 0.8  $\mu\text{m}$ : 55  $\text{L}/\text{min}/3.7 \text{ cm}^2$  at 0.9 bar 90 kPa, 13.5 psi)

#### Maximum Operating Temperature – Water

- ▶ 74  $^{\circ}\text{C}$  (165  $^{\circ}\text{F}$ )

#### Typical Moisture Pick-Up

- ▶ < 1% after 24 hr at 48% relative humidity at 23  $^{\circ}\text{C}$  (73  $^{\circ}\text{F}$ )

#### Extractables - Boiling Water

- ▶ < 2%

#### Minimum Bubble Point - Water

- ▶ 1.0 bar (100 kPa, 15 psi)

#### Refractive Index

- ▶ 1.512

### Related Products

- ▶ [47 mm Magnetic Filter Funnels](#)

- ▶ 25 mm Air Monitoring Cassettes
- ▶ 37 mm Air Monitoring Cassettes
- ▶ Analyslide® Petri Dish
- ▶ 25 mm In-Line Filter Holder, Delrin Plastic
- ▶ 47 mm In-Line Filter Holder, Polycarbonate
- ▶ 25 and 47 mm In-Line Filter Holders, Stainless Steel
- ▶ 47 mm In-Line Filter Holder, Aluminum
- ▶ Open-Face Filter Holders
- ▶ Stainless Steel Forceps
- ▶ Vacuum/Pressure Pumps

## Ordering Information

Part Number	Description	Pkg	Price	Qty
<b>GN-4 Metrical MCE Membrane Disc Filters, 0.8 µm</b>				
64677	25 mm, plain, with support pads	100/pkg	NA	<input type="text" value="0"/>
66263	25 mm, plain	100/pkg	NA	<input type="text" value="0"/>
66276	25 mm, grid, packaged in 4 cavities	100/pkg	NA	<input type="text" value="0"/>
64678	37 mm, plain, with support pads	100/pkg	NA	<input type="text" value="0"/>
64679	47 mm, plain	100/pkg	NA	<input type="text" value="0"/>
66179	47 mm, grid	100/pkg	NA	<input type="text" value="0"/>
<b>GN-6 Metrical Membrane Disc Filters, 0.45 µm (Non-Sterile Packages)</b>				
63066	13 mm, plain	100/pkg	NA	<input type="text" value="0"/>
63068	25 mm, plain	100/pkg	NA	<input type="text" value="0"/>
64191	25 mm, grid	100/pkg	NA	<input type="text" value="0"/>
64382	37 mm, plain, with support pads	100/pkg	NA	<input type="text" value="0"/>
63069	47 mm, plain	100/pkg	NA	<input type="text" value="0"/>
63020	47 mm, grid	100/pkg	NA	<input type="text" value="0"/>
66536	142 mm, plain	25/pkg	NA	<input type="text" value="0"/>

## Contact Information

### Pall Office(s)

**World Headquarters**  
 25 Harbor Park Drive  
 Port Washington, NY 11050  
 USA  
 Phone: (516) 484-3600  
 Alternate Phone: **1-800-289-7255**  
 Fax: (516) 801-9754  
[Driving Directions](#)  
[Map](#)

### Distributor(s)

**VWR International**

1310 Goshen Parkway  
West Chester, PA 19380  
USA  
Phone: 800.932.5000  
Phone: 610.431.1700  
Fax: 610.436.1760  
Web: <http://www.vwrsp.com/>

---

© 2014, Pall Corporation, Pall, and other names are trademarks of Pall Corporation.  
® indicates a registered trademark in the USA.